



SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Evans et al. Atty. Docket: NEB-211

Serial No: 10/698,630 Art Group Unit: 1642

Date Filed: 10/31/2003 Examiner Name: Not yet assigned

Invention: Organellar Targeting of RNA and its Use in the Interruption of Enviromental Gene Flow.

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub Date	Inventor	Class/Subclass
DTF	AA	5,804,439	09/08/1998	Ahlquist et al.	C12N
	AB	6,503,732	01/07/2003	Fitchen et al.	C12P
	AC	6,433,248	08/13/2002	Lommel et al.	C12N
	AD	5,545,818	08/13/1996	McBride et al.	A01H
	AE	5,932,479	08/03/1999	Daniell et al.	C12N
	AF	5,693,507	12/02/1997	Daniell et al.	C12N
	AG	6,423,885	07/23/2002	Waterhouse et al.	C07H
	AH	4,407,956	10/04/1983	Howell	C12N
	AI	2003-0126641-A1	07/03/2003	Barry et al.	A01H
	AJ	2003-0041353-A1	02/27/2003	Daneill et al.	A01H
	AK	5,188,642	02/23/1993	Shah et al.	A01H
	AL	5,824,856	10/20/1998	Mori et al.	C12N
	AM	2004-0096938	05/20/2004	Xu et al.	C12P
	AN	6,451,603	09/17/2002	Atkins et al.	C07H
	AO	4,480,040	10/30/1984	Owens et al.	G01N
	AP	5,811,653	09/22/1998	Turpen et al.	A01H
	AQ	5,595,873	01/21/1997	Joyce et al.	C12Q

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee or Applicant	Class/Subclass
DTF	BA	WO	99/10513	1999-03-04	Auburn University	C12N
	BB	EPO	120,516	1984-02-21	Schilperoort et al.	C12N
	BC	WO	03/087301	2003-10-23	NEB	C12N
	BD	WO	00/71701	2000-11-30	NEB	C12N



OTHER DOCUMENTS

Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
DTF	CA	Ast et al.	Nucleic Acids Res. 29(8):1741-1749 (2001).
	CB	Ayre et al.	Proc. Natl. Acad. Sci. USA 96:3507-3512 (1999).
	CC	Bernasconi et al.	J. Biol. Chem. 270:17381-17385 (1995).
	CD	Birky et al.	Proc. Natl. Acad. Sci. USA 95:11331-11338 (1995).
	CE	Bussiere et al.	J. Virol. 73:6353-6360 (1999).
	CF	Chaleff et al.	Science 223:1148-1151 (1984).
	CG	Chang et al.	Bot. Bull. Acad. Sin 41:219-223 (2000).
	CH	Chen et al.	Gene 263:39-48 (2001).
	CI	Chin et al.	Proc. Natl. Acad. Sci. USA 100:4510-4515 (2003).
	CJ	Chong et al.	Gene 192(2):271-281 (1997).
	CK	Datta et al.	Bio/technology 8:736-740 (1990).
	CL	Davis et al.	Plant Mol. Biol. 36:521-528 (1998).
	CM	Dhingra	Abstract 888 of the American Society of Plant Biologists website http://abstracts.aspb.org/pb2002/public/p73/1191.html
	CN	Diener et al.	Adv. Virus Res. 57:137-84 (2001).
	CO	Dubendorff et al.	J. Mol. Biol. 219:45-59 (1991).
	CP	Fadda et al.	J. Virol. 77:6528-6532 (2003).
	CQ	Falco et al.	Genetics 109:21-35 (1985).
	CR	Flores et al.	Biol. Chem. 380(7-8):849-854 (1999).
	CS	Flores et al.	Adv. Virus Res. 55:271-323 (200).
	CT	Fromm et al.	Methods in Enzymology 153:351-366 (1987).
	CU	Fujisawa et al.	Proc. Natl. Acad. Sci. USA 96:7575-7580 (1999).
	CV	Greaves et al.	Proceedings of the Annual Corn and Sorghum Industry Research Conference p. 104-118
	CW	Hayashimoto et al.	Plant Physiol. 93:857-863 (1990).
	CX	Hill et al.	Biochem J. 335:653-661 (1998).
	CY	Jones et al.	Nature Med. 2:643-648 (1996).
	CZ	Klein et al.	Curr. Opin. Biotechnol. 4(5):583-590 (1993).
	DA	Kohler	J. Mol. Biol. 285(5):1935-1950 (1999).
	DB	LaRossa	J. Biol. Chem. 259:8753-8757 (1984).
	DC	LaRossa	J. Bacteriol. 160:391-394 (1984).
	DD	Lee et al.	EMBO J. 7:1241-1248 (1988).
	DE	Lima et al.	Arch. Virol. 38(3-4):385-390 (1994).
	DF	Long et al.	Mol. Cell. Biol. 19(10):6479-6487 (1999).
	DG	Mei et al.	Biochemistry 35(18):5796-5809 (1996).
	DH	Moellenbeck	Nature Biotechnology 19:668-672 (2001).
✓	DI	Navarro et al.	Virology 268(1):218-225 (2000).



DTE	DJ	Navarro et al.	Proc. Natl. Sci. USA 94:11262-11267 (1997).
	DK	Navarro et al.	Virology 253(1): 77-85 (1999).
	DL	Rivier et al.	EMBO J. 20(7):1765-1773 (2001).
	DM	Sengbush et al.	http://www.biologie.ni-hamburg.de/b-online/e35/35c.htm
	DN	Sengbush et al.	http://www.biologie.ni-hamburg.de/b-online/e35/35d.htm
	DO	Short et al.	Toxicol. Ind. Health 15:240-275 (1999).
	DP	Singh et al.	Pathogenesis and Host Species in Plant Diseases: Histopathological, Biochemical, Genetic and Molecular Bases.
	DQ	Stalker et al.	J. Biol. Chem. 260:4724-4728 (1985).
	DR	Studier et al.	Methods Enzymol. 185:60-89 (1990).
	DS	Sullenger et al.	Nature 371:619-622 (1994).
	DT	Sun et al.	App. Environ. Microbiol. 67:1025-1029 (2001).
	DU	Symons et al.	Nucleic Acids Res. 9(23):6527-6537 (1981).
	DV	Van Rie et al.	Int. J. Med. Microbiol. 290:463(2000).
	DW	Vasil et al.	Bio/technology 10:667-674 (1992).
	DX	Vasil et al.	Bio/technology 8:429-434 (1990).
	DY	Watanbe et al.	J. Bacteriol. 176(15):4465-4472 (1994).
	DZ	Yadav et al.	Proc. Natl. Acad. Sci. USA 83:4418-4422 (1986).
	EA	Zupan et al.	Plant J. 23(1):11-28 (2000).
	EB		http://subviral.med.uottawa.ca/cgi-bin/accueil.cgi?typeRNA=1
	EC		http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/R/Ribozymes.html
	ED		http://www.i-sis.org.uk/chloroplast.php
	EE	Herera-Estrella et al.	Nature 303:209-213 (1983).
	EF	Bevan et al.	Nucl. Acids Res. 12:8711-8721 (1984)
	EG	Daros et al.	EMBO J. 21(4):749-759 (2002).
	EH	Matousek et al.	Biologica Plantarum 35(1):131-135 (1993).
↓	EI	Daneill et al.	Nature Biotech. 16:345-348 (1998).

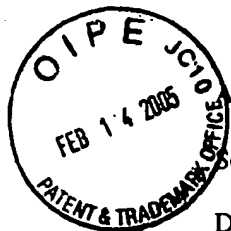
Examiner Signature: /David T. Fox/

Date Considered: 06/05/2006

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 Invention: Organellar Targeting of RNA and its Use in the Interruption of Environmental Gene Flow

**LIST OF PATENTS AND PUBLICATIONS FOR
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee or Applicant	Class/ Subclass
DTE	BE	WO	02/096192	5 Dec. 2002	Icon Genetics AG	A01K
	BF	WO	02/097080	5 Dec. 2002	Icon Genetics AG	C12N
	BG	WO	03/102197	11 Dec. 2003	Icon Genetics AG	C12N
	BH	WO	04/046360	3 June 2004	Icon Genetics AG	C12N
	BI	WO	04/046359	3 June 2004	Icon Genetics AG	C12N
	BJ	WO	04/046361	3 June 2004	Icon Genetics AG	C12N

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